

Title (en)
NATURAL TISSUE HEART VALVES AND METHODS OF MAKING SAME

Title (de)
HERZKLAPPEN AUS NATÜRLICHEN GEWEBE UND HERSTELLUNGSVERFAHREN

Title (fr)
VALVULES CARDIAQUES A BASE DE TISSUS NATURELS ET LEURS PROCEDES DE FABRICATION

Publication
EP 0971649 B1 20021218 (EN)

Application
EP 98913095 A 19980325

Priority
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• US 82640897 A 19970327

Abstract (en)
[origin: WO9843556A1] Improved, adaptable tissue-type heart valves and methods for their manufacture are disclosed wherein a dimensionally stable, pre-aligned tissue leaflet subassembly is formed and its peripheral edge clamped between and attached to an upper shaped wireform and a lower support stent. A variety of adaptable structural interfaces including suture rings, flanges, and conduits may be attached to the support stent with or without an outlet conduit disposed about the wireform to provide a tissue-type heart valve adaptable for use in either a natural heart or in mechanical pumping devices.

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A61F 2/24

IPC 8 full level
A61F 2/84 (2006.01); **A61F 2/24** (2006.01)

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